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**Fabricating World Class: Global university league tables,  
status differentiation strategies and myths of global  
competition**

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**Fabricated World Class: Global university league tables, status  
differentiation and myths of global competition**

**Abstract**

United Kingdom (UK) media coverage of global university league tables shows systematic bias towards the Russell Group, though also highlighting tensions within its membership. Coverage positions UK ‘elite’ institutions between United States superiority and Asian ascent. Coverage claims league table results warrant UK university funding reform. However, league table data for all years to 2012 (when major funding reforms were implemented – most radically in England) does not show either US superiority or Asian ascent. Citation bias defines media content. Text itself is structured by three discursive ‘ratchets’; highlighting US successes but never failures, rising Asian institutions but never falls, and claiming UK results warrant the same policy irrespective of whether results improve or worsen. These combine with selective doubt by ‘elites’ who question but are not questioned. These four discursive mechanisms fabricate an illusory threat of global competition. This threat is then used to warrant neo-liberal policies at home.

**Keywords**

**League Tables, Universities, Media, Globalisation, Thematic Analysis,**

**Discursive Mechanisms**

**Global University Leagues and UK Funding Reform**

Global university league tables emerged in the early 2000s (Bowden 2000, Federkeil 2008). The United States (US) has always had more entries at the top of all such leagues. It is by far the largest wealthy English speaking nation. Domination in league tables is routinely said to reflect its differentiated funding arrangements and the very high fees charged to students by its most prestigious institutions; not just its size, wealth and language (Hazelkorn, 2011). In the UK mass media, attention to global league tables has been modest but significant in framing policy debates (Stacka 2013). However, coverage increased in the run up to the 2012 removal of almost all central government funding for university teaching.

Government funding cuts were replaced by raising the £3000 annual ‘home’ student tuition fee ‘cap’ to £9000. For Welsh students the Welsh government pays the difference between the old ‘cap’ (index linked) and what universities can now charge. The Northern Irish government does the same for students remaining in Northern Ireland. The Scottish government pays the full fee for ‘Scottish’ undergraduates in Scotland. English undergraduates (over 80% of the UK total) are fully liable for ‘their’ fees. League table results are interpreted by those cited in media coverage as warranting this ‘Americanized’ policy in

England of partial deregulation, full privatization and radical escalation of fees.

This article evaluates the relationship between such claims and the data on which such claims are supposedly based.

Two qualifications need to be made. Firstly, it is not being claimed here that world university league tables are 'true' measures of 'quality' (for discussion of validity and inconsistency problems, see Bergseth, Petocz and Abrandt Dahlgrena 2014, Bowden 2000, David 2012, Turnera 2005, Usher and Savino 2007). The research focus here is upon whether global league table results correspond with claims supposedly based upon them. This research is about 'claims making'. Secondly, this article does not address the significant issue of what universities are for. Appearance in league tables is not the only/best measure of quality. Quality in serving local, national and global economic cultural, political and educational needs may not be best measured in citations, reputation indexes, grant income, Nobel prizes etc. (Collini 2012, Delanty 2001).

Despite such problems, 'global profile' in terms of league table success is increasingly seen as 'the' measure of quality. France's 'Sorbonne League' attempts to create elite institutions, visible on a world stage, in distinction to the relatively egalitarian structure of French Universities and the non-research orientation of its elite écoles (Grove 2011). Germany's 'Exzellenz-initiative',

1  
2  
3 seeks to create a top tier of institutions with a ‘worldwide’ profile in the style  
4  
5 of ‘the elite Oxbridge and Ivy League institutions of the Anglophone world’  
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7  
8 (Mechan-Schmidt 2012, 22). China’s ‘Project 211’ (Brown et al. 2011, 33), of  
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10  
11 which the Shanghai Index is itself a part, also evidences the growing power of  
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14 global ranking in status competition. These initiatives, and others in Saudi  
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17 Arabia, Russia, and Brazil, alongside UK policy reforms, are equally misguided if  
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20 US ‘success’ claims are illusory, as this article suggests.  
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27 **Research Questions and Design; Data Collection and Analysis Techniques**  
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34 Thematic analysis (Guest et al. 2012) combines the comprehensive character of  
35  
36 content analysis (Krippendorff 2004) with the depth and detail achieved in  
37  
38  
39 discourse analysis (Potter 1996; and Silverman 2006). Using various terms and  
40  
41  
42 synonyms, Lexus/Nexus and BBC archive searches were carried out for all UK  
43  
44  
45 news coverage of global university league tables. For the period since such  
46  
47  
48 league tables were initiated (in 2003), until 2012 (when radical HE funding  
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50  
51 reform was implemented), 52 items were identified in seven outlets. An  
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53  
54 inductive content analysis was carried out to address the first research  
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56  
57 question: *What are the recurrent themes, objects and actors in media text?*  
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This was followed by thematic analysis of media text to address a second research question: *What are the dominant frames within the textual data?* Key themes identified were: US superiority (linked to fees and spending), Asian ascent, and 'selective doubt' over league table results.

The next step was to compare media representation with the results of league tables themselves regarding US superiority and Asian ascent. The top 200 results for the three leading world university league tables (Shanghai, QS and Times Higher Education (THE)) were collected for all years to 2012 (with the exception of QS's first two years as this data was corrupted). Only analysing the top 200 results is to sample on the dependent variable (King et al. 1994), and would therefore be a source of bias if this research sought to make claims about higher education based on league table results. It does not. Rather it seeks to evaluate media claims that are said to be based on such results. The third and fourth research questions are then addressed: *Do league table results show US superiority and/or Asian ascent?* 'Selective doubt' is then addressed.

'US superiority' (relative to the UK) was measured by comparing English speaking countries only, and the number of entries within league tables was then correlated with population size (see Lia, Shankara and Ki Tanga 2011a and 2001b for earlier work controlling for language, size and wealth). A measure of



placement within tables was also calculated. In addition, the sum of all ranked positions was then correlated with population size (again controlling for language).

A parallel set of counts was carried out for the number Asian universities ranked in each league for each year to evaluate evidence regarding ‘Asian ascent’. As with the data for English language countries, so with Asian countries (Singapore and Hong Kong being in both sets), a sum of all ranked positions, average rankings and a count of numbers of entries were calculated.

With media claims regarding US superiority and Asian ascent not being supported by league table data, a fifth (and final) research question is then addressed: *How is such misrepresentation constructed, firstly through the selection of people cited and objects sighted; and secondly through discursive mechanisms at work within the text?*

**Research Question One: What are the recurrent themes, objects and actors in media text?**

[Table 1]

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7 A LexusNexus and BBC archive search using terms associated with university  
8  
9 world or global league tables and their compilers generated 52 articles (Table  
10  
11 1). Coverage rises gradually from 2004 onwards. Systematic inductive 'invivo  
12  
13 coding' (Miles and Huberman 1994) identified 505 significant terms. Inductive  
14  
15 coding using 'constant comparison' in NVivo enabled subsequent thematic  
16  
17 selection (Glaser and Strauss 1967).  
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27 [Table 2]  
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35 Of actors referred to or quoted (see Table 2), the self-selecting 'elite' Russell  
36  
37 Group is cited seventeen times, it's now disbanded challenger, the 1994  
38  
39 Group, is cited only once, Universities UK (UUK) seven times, the University  
40  
41 and College Union (UCU) four times, and the National Union of Students (NUS)  
42  
43 twice. Across 24 articles, eighteen people are cited in their capacity as  
44  
45 university heads and their names are mentioned 37 times. Apart from  
46  
47 Aberdeen and St. Andrews all these led Russell Group universities. Whilst Steve  
48  
49 Smith was head of a then 1994 Group university, he is only ever cited as UUK  
50  
51 chair. 'Professor' is used 34 times. Professors are always named. 'Student'  
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occurred 326 times. Only 14 are named. ‘Lecturers’ are referred to 30 times but only one is cited. Lecturers and students are often discussed but rarely speak.

A coding for verbs revealed 54 cases of competing or competition and twelve cases of rivalry, with no references to cooperation and only five to collaborat(-ion/ing). A coding for proper nouns found UK synonyms occurred 359 times. UK universities receive 519 mentions. The US equivalents are 128 and 280. Next is mainland China, mentioned 32 times, but Chinese universities receive only four mentions. Hong Kong adds 23 and its universities 17 references. Japan adds 12 and nine respectively. Korea (15), Taiwan (7), Singapore (6), Bombay and Delhi (once each), Asia (29) and ‘Far East’ (twice) add to this. With 408 US and 157 Asian references, ‘Europe’ receives only 30 mentions. The UK is framed between named US stars and a more general Asian ascendance.

As can be seen in Table 2, all sources bar the Sun cite multiple university heads; all bar the Sun and Independent cite the Russell group; whilst only the Independent cites the NUS. Only the BBC cites the 1994 Group (once) but cites the Russell Group six times. UCU leader Sally Hunt is cited by three sources. BBC ‘balance’ within elite pluralism, Times and Telegraph elitism, Independent mild anti-elitism, Sun (scantily evidenced) populism, and Mail/Guardian elite orientation with a wink to class conflict (if with different eyes) accords with the

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2  
3 'folk wisdom' of British media 'bias' (Curran and Seaton 2009). Nonetheless,  
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6 citing 'elites' and highlighting successful institutions characterised most  
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9 coverage. Yet, 19 articles express some doubt concerning the validity of league  
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11 table data.  
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18 **Research Question Two: What are the dominant frames within the textual**  
19  
20 **data?**  
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28 Content analysis shows the predominance of elite voices, and the UK framed  
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31 between US superiority and Asian ascent. Positive and negative descriptors,  
32  
33  
34 and the categories of places, universities, cities and countries cluster around  
35  
36  
37 the theme of geographical comparison, and this is dominated by comparisons  
38  
39  
40 between the UK and either the US or Asia. 'Europe' is mentioned more  
41  
42  
43 negatively than positively, and is not therefore constructed as a 'threat'. The  
44  
45  
46 textual constructions of US superiority and Asian ascent are now addressed,  
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48  
49 but are followed by discussion of the important subsidiary theme of 'selective  
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51  
52 doubt' about the data itself. Such doubt, whilst recurrent, never challenges the  
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54  
55 two dominant themes.  
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**US Superiority?**

[Table 3]

As shown in Table 3, 76 of 120 UK/other comparisons favoured the other. Only 27 favoured the UK. Half the UK comparisons were with the US, overwhelmingly favouring America. Of 63 comparisons 48 favoured the US, six were neutral, with only nine favouring the UK. Overwhelmingly, attention was paid to particular US successes, i.e. its most prestigious institutions.

Over half the sampled articles compare spending levels (Mail 80%, Guardian and BBC 75%, Telegraph 50%, Times 38%, Independent once, Sun none). ‘Other countries invest more’, ‘the UK must invest more’ is the repeated message. Harvard University’s endowment was referred to by the Times, Telegraph, BBC, Mail, and Guardian. Initially cited without source on November 4th 2004, the Times associated Harvard’s number one position in the then new QS/THE league with its \$23bl endowment. On November 9th 2007 the Telegraph estimated this endowment to be greater than the total UK higher education budget. On October 8th 2008 this comparison (now the endowment was said to be greater than the UK’s total public sector university budget) was

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2  
3 attributed to Ann Mroz (editor of THE) in the Telegraph and without source in  
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5  
6 the Times. The next day the same 'factoid' was attributed to Ann Mroz by the  
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8  
9 Mail and BBC, and to Russell Group Executive Director Wendy Piatt in the  
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11  
12 Guardian.

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14  
15 Eighteen articles address UK funding reform in relation to league tables. On  
16  
17  
18 October 5<sup>th</sup> 2006 the Mail claimed: 'The pole positions of Oxford and  
19  
20  
21 Cambridge are likely to strengthen their case in pressing the Government for  
22  
23 an increase in tuition fees after 2009... On Tuesday, Oxford's vice chancellor Dr  
24  
25  
26 John Hood said it was 'inevitable' the £3,000 a-year charges introduced last  
27  
28  
29 month would increase'. That year's QS/THE results saw Oxford and Cambridge  
30  
31  
32 rise one place each to third and second, after Harvard, with a jump from 23 to  
33  
34  
35 29 UK institutions in the top 200, the paper reported.

36  
37  
38 On November 8th 2007 this message was repeated after UK institutions in the  
39  
40  
41 QS/THE top 200 rose to 31. The Mail claimed: 'Vice chancellors are now likely  
42  
43  
44 to seize on their strong showing to press the case for the £3,000 a-year cap on  
45  
46  
47 tuition fees to be lifted when it is reviewed in 2009'. The telegraph agreed:  
48  
49  
50 'This improved performance is likely to strengthen the universities' case for  
51  
52  
53 lifting the cap on student tuition fees ahead of a review in 2009. Many want to  
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55  
56 charge more than the existing £3,000 limit to enable them to compete with  
57  
58  
59 those in the US'.  
60

When UK results dipped, the Times reported on October 8<sup>th</sup> 2008: ‘Vice-chancellors and commentators voiced concern that, without an increase in investment, Britain's standing as a first-class destination for higher education could be under threat’. Piatt was cited reinforcing this view, whilst Ann Mroz claimed: “‘As a percentage of gross domestic product the US spends more than twice as much on its universities as the UK does”.’ That same day, the Telegraph reported: ‘The findings come amid warnings that British universities will lose their world-class position unless ministers increase vital funding levels. Last week, Lord Patten, the Oxford chancellor, called for the “intolerable” £3,000-a-year cap on tuition fees to be lifted to allow Britain to retain “its international standing in higher education”’.

Other titles concurred the following day: ‘The results could put more pressure on the Government to raise the £3,000-a-year cap on students’ tuition fees when it is reviewed next year. Many British vice-chancellors say they do not receive enough funds to cover the costs of teaching their courses and as a result cannot compete internationally. Last week, Oxford Chancellor Lord Patten said middle-class students should be prepared to pay higher tuition fees’ (Mail). ‘This [rising Asian competition] is a good reason to uphold the higher education sector in this country. The funding settlement will not hold for long. The cap on fees will have to be lifted’ (Times). ‘[V]ice-chancellors

1  
2  
3 claimed it [fewer UK entries] showed they were in need of more money to  
4  
5  
6 cement their position' (Guardian). This same call is repeated in later years,  
7  
8  
9 whether results went up or down.

10  
11  
12 League tables were overwhelmingly interpreted as showing US superiority, and  
13  
14  
15 it's most successful institutions were to be copied. Whether or not putting all  
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17  
18 one's eggs in one basket did increase overall success (which league table  
19  
20  
21 results do not suggest – see below) is never asked. The US model of a highly  
22  
23  
24 differentiated higher education is never questioned, and such a system of  
25  
26  
27 'competition' rather than collaboration between academics, institutions and  
28  
29  
30 countries is taken as necessary and good. Competition is 'brutal' (Times),  
31  
32  
33 'aggressive' (BBC), 'fierce' (Mail, Guardian, Telegraph and BBC), at  
34  
35  
36 'unprecedented' levels (BBC), 'challenging' BBC), 'increasing' (Mail and BBC),  
37  
38  
39 'ever harder' (Times), and 'growing' Telegraph, BBC and Times).

40  
41  
42 Competition is generic; collaboration is competitive, particular and temporary;  
43  
44  
45 and cooperation unheard of. The UK is 'struggling' (BBC) to 'punch above our  
46  
47  
48 weight' (Guardian, BBC and Times) in a 'global market' (BBC and Times) or  
49  
50  
51 'world market' (BBC). 'Elite' UK institutions need to 'match the ambition' (BBC)  
52  
53  
54 of 'global super brands' (Telegraph and BBC), or face 'losing out to American  
55  
56  
57 rivals' (Mail, Guardian, BBC and Times) and Asian threats 'snapping at our  
58  
59  
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heals’ (Guardian and BBC). Yale’s international collaborators recruited harder (Times). THE and QS stopped collaborating (BBC).

**Asian ascent**

[Table 4]

Asia was favourably compared directly with the UK ten times, and negatively only once. Twenty articles referred to Asia rising (see Table 4). None claimed ‘Asian dissent’ or stasis. On November 4<sup>th</sup> 2004, the Times noted the ‘highest-ranked institution in Asia’ being Tokyo in 12th place (QS/THE), with Beijing 17th. On November 8<sup>th</sup> 2007 the BBC asserted: ‘Asian universities improve their position.’ On October 8<sup>th</sup> 2008, in the Telegraph: ‘Wendy Piatt... warned Britain faced fierce competition from China’ amongst others; repeating the warning that day in the Times.

The next day the BBC cited Piatt claiming: ‘...“China already looks set to overtake the UK very soon in terms of total research publications [meaning little], and its universities have been steadily climbing up international league

1  
2  
3 tables [incorrect]". On the same day the Guardian claimed, developing  
4  
5 countries are 'challenging our position', whilst in the Times Piatt; '...warned  
6  
7 that rivals China were coming up fast...', and in the Mail that: 'China was  
8  
9 looming as a major academic rival'.  
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12

13  
14 On October 7th 2009, Piatt was reported by the BBC claiming; '..."countries like  
15  
16 China and Korea, which are investing massively in their best institutions, are  
17  
18 snapping at our heels"'. The article heralded Tokyo, the highest (QS) Asian  
19  
20 institution that year, coming 22nd, omitting to recall Tokyo came 12th in 2004.  
21  
22 The broadcaster highlighted that the University of Hong Kong (HKU) had risen  
23  
24 two places. On October 8<sup>th</sup> the Guardian claimed results showed '...advances  
25  
26 of academia in Asia, which will pose a challenge to the Ivy League and  
27  
28 Oxbridge'; adding: 'Leading UK universities said institutions in Japan, South  
29  
30 Korea and Hong Kong were "snapping at the heels" of Western institutions,  
31  
32 arguing that they needed more funding to compete on the global stage.' It  
33  
34 then quoted Piatt saying '..."countries like China and Korea are snapping at our  
35  
36 heels"...', with THE's Phil Baty adding: '"Spending on higher education in Asia is  
37  
38 phenomenal and that's why you see their results going up"'. On the same day  
39  
40 the Times claimed the; '...growing presence and impact of Asian and European  
41  
42 institutions'.  
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Asian rises in 2010 and 2011 were reported by the BBC and Telegraph respectively. Falls were not. On September 16<sup>th</sup> 2010, the Guardian reported ‘Peking’ as mainland China’s highest ranked institution in 37<sup>th</sup> place. It failed to recall ‘Beijing’s’ 17<sup>th</sup> place six years earlier.

**Selective Doubt**

Most BBC and Guardian articles contained limited questioning of league table validity. The Times, Telegraph and Mail doubted once each. The Sun and Independent do not question the ‘data’. However, ‘questioning’ was always by elites, never of them. On October 9<sup>th</sup> 2008 the BBC reported: ‘The director general of the Russell Group of leading UK universities, Dr Wendy Piatt, said it had reservations about the use and accuracy of “league tables” but the group was pleased that its member universities were continuing to perform well against major global competitors’.

On October 7<sup>th</sup> 2009 the BBC reported Piatt repeating this combination of scepticism with undiluted acceptance that results supported her organisation’s agenda: ““The broad message of these tables is clear - the leading UK research universities are held in high esteem internationally... But countries like China

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2  
3 and Korea, which are investing massively in their best institutions, are snapping  
4  
5 at our heels... The precise accuracy of league tables like this can be debated,  
6  
7 but there is no mistaking the alarm bell warning that our success is at risk if we  
8  
9 as a nation don't take action to fight off such fierce competition".'

10  
11  
12 Cited the next day, by the BBC, Times, Telegraph and Guardian, an Oxford  
13  
14 spokesman claimed Oxford's fall behind three other UK universities was  
15  
16 questionable as Oxford had come first in other tables. Alongside Piatt and the  
17  
18 Russell Group (questioning three more times in 2011), Oxford has the status to  
19  
20 question any questioning of its status.  
21  
22

23  
24 Similarly, Steve Smith is quoted by the BBC on September 16<sup>th</sup> 2010: "Clearly,  
25  
26 league tables must always come with a health warning as they never tell the  
27  
28 whole story, but these rankings provide a useful indicator of international  
29  
30 trends". Phil Baty (same piece) pointed out that "...a change to the way the  
31  
32 tables had been compiled made comparisons over time difficult". In a second  
33  
34 BBC piece that day Baty elaborated: "Because of the change to the  
35  
36 methodology, any movement up or down since 2009 cannot be seen as a  
37  
38 change in performance by an individual country or institution". Smith, 'post-  
39  
40 positivist' social scientist (1996), Vice-Chancellor and former UUK head, shows  
41  
42 no such methodological inhibition.  
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On September 16<sup>th</sup> 2010 the BBC mentioned a European Commission report where: ‘Experts have expressed “serious reservations” about the methodologies used by global ranking organisations’, but then listed US/UK successes, thus framing European reservations as sour grapes. On October 6<sup>th</sup> 2011 the broadcaster again cited ‘elite university’ leaders questioning methods only to claim results supported elite-prioritizing proposals.

On June 9<sup>th</sup> 2011 the BBC (citing Oxford University Professor Howard Hotson) noted bigger English speaking countries did better. On March 15<sup>th</sup> 2012 the BBC observed; ‘responses have put 44 US universities in the top 100 - and 44% of responses came from academics in US universities’, but continued to draw the standard conclusion of US superiority. The Russell Group, Oxford University, UUK and league table constructors occupy the space for doubt, but never doubt themselves.

**Research Questions Three and Four: Do league tables show US superiority and/or Asian ascent?**

**US Superiority?**

Given the significance of the English language in citations and reputation measures, and given this third research question addresses the UK's position relative to the US, comparison here is between English speaking countries. US institutions predominate in all leagues for all years. US institutions have occupied between 87 and 93 of the top 200 places in the Shanghai Index since its inception, between 53 and 58 top 200 places in QS tables; and between 72 and 75 top 200 entries in THE results. However, the number of top 200 entries correlates almost entirely with population size.

[Table 5]

The population of English speaking countries (US 310million, UK 62m, South Africa 50m, Canada 34m, Australia 22.3m, Hong Kong 7m, Singapore 5m, Ireland 4.5m, and New Zealand 4.4m) was correlated with each country's number of top 200 institutions for each league table for each year of that table's existence. Alternative calculations were made to remove first language French speaking Canadians, Cantonese only speakers in Hong Kong, and the non-English speaking majority in South Africa, but none altered the

correlations beyond the range noted below and so are not elaborated upon here.

As table 5 shows, population size correlates with numbers of universities in league tables at values from 0.914-0.988. There is therefore only negligible variation between English speaking countries over and above that predicted by the size of each country's population. Ranked highest to lowest a country's population size and number of top 200 institutions associates absolutely for all years and leagues barring QS in 2006, when Australia marginally overtook the slightly larger Canada before falling back into rank order again thereafter.

Variation between English speaking countries with top 200 entries matches population size. However, amongst English speaking countries only OECD members have top 200 entries. Wealth is a necessary condition. Population only then explains entry variations. Table 6's 'Entries per million of population' column shows the United States performing less well than most other English speaking countries, only outperforming South Africa and matching New Zealand. The United States only outperforms South Africa when South Africa's total population is used. If only South Africa's 3.7 million first language English speakers were counted South Africa would outperform the US on ranked institutions per capita, as do all other English speaking countries barring New Zealand. That population size does not correlate perfectly with the number of

institutions ranked is the result of the relative failure of the US and, in even more extreme terms, South Africa.

[Table 6]

However, number of entries alone does not tell the whole story. Higher ranked entries have scored better than those lower down. An overall measure of rankings within tables might then redeem the claim that league tables show US superiority. US institutions routinely occupy many of the top slots. Giving each ranked institution a reverse score (200 points for 1<sup>st</sup> place, one point for 200<sup>th</sup> place) measures this. Applied to the THE 2011-12 data a calculation of this kind offers some support to the US superiority thesis (see Table 6). The average US institution in the top 200 is seven places higher than the average UK entry, four points above Canada's, six above Australia's etc.. However, whilst the US has higher mean scores for those universities ranked, it has fewer institutions ranked per capita than other English speaking countries bar (almost identical) New Zealand and (much weaker) South Africa.

A Pearson's correlation between the sum of all ranked positions and national population size shows an association of 0.967. Whilst the US scores higher on



average for those institutions ranked, this is cancelled out by having fewer entries per capita. Having a ten percent lower average position relative to the US, the UK has 100 percent more top 200 entries per capita. Putting one's eggs in fewer baskets does not improve overall performance. This outcome is nearly identical for all other league tables in all other years. Calculating this was marginally more complex for the Shanghai data as institutions 101-150 and 151-200 were presented in blocks. As such, those placed in the 101-150 block were assigned a value of 75, and those in the 151-200 block the value 25. Overall results were not altered. There is no evidence in any league table for any year to support the view that the US university system is superior, size for size, to any other English speaking country bar South Africa.

**Asian Ascent?**

[Table 7]

What of the claim that league tables herald the ascent of Asian universities to challenge the UK? In terms of numbers ranked results fluctuated in all tables (see Table 7). There is very limited fluctuation in the Shanghai data, and an

even weaker fluctuation in the QS results. Neither movement produces statistically significant change ( $p. = 0.142$  and  $0.152$  respectively). For the THE data the methods used between the two years changed, so the sharp decline in Asian universities ranked by THE between 2010-11 and 2011-12 cannot be interpreted. Overall, there is no evidence for Asian ascent but rather more suggestion of stability.

[Table 8]

What then of the possibility that higher rankings, rather than just overall numbers ranked, show an improved performance by Asian universities? Giving each ranked institution a reverse score (as conducted for English speaking countries above) was repeated for all Asian universities for all league tables for all years (see table 8). In the Shanghai data the overall sum of ranked scores fluctuated around a very similar level, and showed no statistically significant change over time ( $p. = 0.300$ ).

The QS data did show a statistically significant rise in the overall sum of ranked scores over time at the 5% level of confidence, though the result was not significant at the 1% level ( $p. = 0.019$ ). However, this rise is explained by one

country. South Korea's entries in the QS top 200 rose from three to five. The position of institutions ranked also rose. Excluding South Korea, the overall performance of Asian countries saw no statistically significant change ( $p = 0.155$ ).

Once again, the radical drop in the number of Asian institutions ranked and in the positions of those ranked in the THE table between 2010-11 and 2011-12 cannot be interpreted due to its methodological changes.

There is support in the QS league table for the claim that South Korea has improved its standing in world league tables. However, overall, the results for Asian Universities simply fluctuated, with no evidence of any systematic or statistically significant improvement relative to the rest of the world. Different leagues suggest that Japan is either improving or falling back, and that Taiwan is either improving or slipping. Likewise China is either marginally up or down depending of which method is applied. Even including the success (by one index) of South Korea, overall fluctuation cancels out year on year changes.

Japan was and remains the predominant contributor to Asian success in league tables, China remains far behind, Singapore and Hong Kong remain successful relative to their size, whilst Malaysia, India and Thailand remain very much behind. The claim that league tables show Asian ascent is false. South Korea's improved QS results are roughly equal to those of Scotland (which has just

over a tenth of its population). Asia's overall ranking began and remains the same as or just below that of the UK (which has fifty times fewer people).

### The Gap

In league tables the US performs no better than the UK (size for size) and Asia is not catching up. Media coverage of world university league tables suggests otherwise. Asian ascent (understood as catching/overtaking the UK) is a myth based on misinterpreting international rankings. Asian universities may be improving, but only in line with improvements elsewhere. South Korea's improvement in QS rankings is interesting, but being in only one of the three leagues is not a secure pattern, and being only one country cannot be said to show overall Asian ascent. South Korea's parallel with Scotland is particularly challenging to any attempt to deduce the merits or otherwise of UK funding reforms from league table results. South Korea has high fees and fee differentiation. Scotland has neither. The fifth research question arises: how is media misrepresentation 'achieved' at the level of content and discourse?

### Research Question Five: How is textual misrepresentation constructed?

**Content Bias – Who is cited/what is sighted**

Russell Group director Wendy Piatt; representatives and heads of specific Russell Group universities; and in particular those from Oxford University, occupy most of the discursive space. The 1994 Group’s Paul Marshall was cited only once. This was on October 6<sup>th</sup> 2011, by the BBC: ‘UK universities are facing budget cuts, despite the new fee regime. The sweeping reductions to capital grants will make it harder to invest in the facilities that make our universities world leaders.’ Marshall’s comment is located between comments from Piatt and then Oxford vice-chancellor Andrew Hamilton. Piatt and Hamilton frame debate over just who ‘our’ world class universities are. Marshall does not.

The head of a 1994 Group institution until 2012, Steve Smith’s concerns about the concentration of funding within the Russell Group receive no coverage. As head of UUK he is cited suggesting results showed the need for more money in general. Similarly, Sally Hunt of the University and College Union is cited suggesting league table results show the need for more funding, but her and her union’s campaigns for a more egalitarian distribution of funds is never

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3 cited. Only Russell Group representatives can speak on where funding should  
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6 be focused (on themselves).  
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9 However, the Russell Group is not an internally homogeneous, nor an  
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11 externally discrete, cluster of 'research intensive' universities. Oxbridge stands  
12  
13 apart and many non-Russell Group institutions score just as well if not better  
14  
15 than members of this self-appointed 'elite' when subject specific funding  
16  
17 differences are controlled for (Boliver 2015). Outsiders (UCU, UUK and the  
18  
19 1994 Group), when cited, are only given space to agree with the 'global  
20  
21 competition' frame presented by Russell group representatives. Yet, internal  
22  
23 divisions exist in Russell Group commentary on world university league tables.  
24  
25 As noted above, Wendy Piatt routinely claims the supposed success of the US  
26  
27 university system, and 'Asian ascent', are due to concentrating funding on elite  
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29 institutions, something she wishes the UK to emulate in favour of her  
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31 members. On the other hand, Oxford University explicitly advocates removing  
32  
33 the tuition fee cap as the means to increase resources and to concentrate  
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35 them at the top, something Piatt does not openly advocate, at least in  
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37 coverage of global university league tables.  
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51 League table results do not suggest the more differentiated and private fee  
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53 funded US system performs better than the less differentiated and mainly  
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55 state funded (pre 2012) UK system. Differentiation simply produces higher  
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highs that are cancelled out by lower lows. Yet, this ‘overall’ effect of differentiation is not a shared experience. Winners win and losers lose. When those that do or believe they will benefit from a revised and more uneven distribution of resources are asked, they claim (and perhaps believe) that what may benefit them is also for the common good. If others are given no space to question the self-evidence of success, the self-interest of the successful will be presented as unquestionably right and true.

Closure in terms of who gets cited makes it very easy for self-interest to stand as self-evident. Such closure may explain why media representations reflect the interests and beliefs of ‘elites’, even when their claims contradict the data the claims are allegedly based upon. However, the question still remains how such misrepresentation is constructed.

**Discursive Mechanisms: Three Ratchets and Selective Doubt**

The Oxford English Dictionary (1996) defines a ratchet as; ‘a set of teeth on the edge of a bar or wheel in which a device engages to ensure motion in one direction only’. A discursive ‘ratchet’ occurs when all evidence provided is either selected or interpreted to move an argument in one direction only. The

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3 first manifestation of this discursive mechanism is in selecting only successful  
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5 US institutions, and taking their success as evidence that the US system itself is  
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7 superior. Differentiated systems have higher highs and lower lows, so  
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9 highlighting one type of outcome (success) is misleading.  
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14 A second discursive ratchet is achieved in relation to Asian ascent by citing  
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16 rises and new entries, but not falls and exits, enabling a constant ascent  
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18 narrative. Ascending cases are reported. In 2008 China's only prior Shanghai  
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20 entry (2005-7) dropped out. This was not reported. However, QS saw three  
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22 Asian re-entries, which were reported. It was not reported that 2007 had the  
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24 lowest number of Asian entries in QS to date. 2008's improvement on 2007  
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26 was reported in five sources. That there were still fewer Asian institutions  
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28 ranked in 2008 than in 2006 was not reported. A new THE methodology in  
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30 2010 saw China gain more entries than Japan. On September 16<sup>th</sup> 2010, this  
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32 was reported by the BBC and Guardian as evidence of China's rise (though,  
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34 given the new methodology there was no past to compare with). Further  
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36 reformulation of THE methods in 2011 saw China, South Korea and Taiwan fall  
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38 back. This was not reported.  
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51 Singapore remained constant in all tables for all years and so was rarely  
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53 reported. Hong Kong institutions fluctuated in different years/tables. Only rises  
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55 were reported. Despite stability in the number of Asian entries in QS's 2011  
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table, the BBC reported on September 5<sup>th</sup>; ‘...the main up-and-coming region is East Asia, particularly Hong Kong, China, Japan, Korea, Taiwan and Singapore, said [QS’s] Mr Sowter’. Of these six only South Korea actually saw rankings improve. Declines went unrecorded. The BBC’s March 15<sup>th</sup> 2012 description of ‘the rise of Asian countries as the new education superpowers’ was, again, simply based upon highlighting rises whilst ignoring falls.

Tuition fee coverage, when set against league table results year on year, highlights a third form of discursive ‘ratchet’. When UK universities improved their position in league tables, coverage suggested success warranted increased fees. Years with fewer UK entries saw the same conclusion drawn. Success strengthens the case to raise tuition fees. Failure puts more pressure on government to do the same. Removing the fee’s cap was said to be justified by whatever the actual outcomes were. In the case of US superiority and Asian ascent, the ratchet effect of always reaching the same conclusion is achieved by selecting only cases that support the pre-established frame. In the case of UK results and fees the discursive ratchet is achieved by interpreting divergent findings year of year to support the established frame.

It might be objected that highlighting the discursive mechanisms above suggests media coverage offers an uncritical acceptance of league table data, when there is much criticism and doubt expressed in reporting. However, such

doubt is only ever selective, reserved for dominant actors, and always contained within continued acceptance of dominant interpretations of results.

Selectively 'sighting' only results that confirm an established frame (US superiority) and narrative (Asian ascent), drawing the same conclusions irrespective of the results themselves, and selective doubt by those authorized to speak, combine to construct a reading of global university league tables that confirms the assumptions and interests of those given predominant space to speak.

## Discussion

This article assesses whether league table data shows US superiority and/or Asian ascent. It does not. Claims that league table results show the superiority of the deregulated and higher student fee based arrangements seen in the US, relative to the more regulated and state funded arrangements in place across the UK prior to 2012, are false. As such this paper supports critiques of 'neo-liberalization' in higher education (Amsler and Bolsmann 2012, Olssen and Peters 2005) by debunking claims that league table results show the superiority of market deregulated systems.

The article has not directly addressed other significant critical questions regarding neo-liberal reforms in university funding; those of access and the ethics of repayment. These questions have been addressed elsewhere, and can be summarised briefly. Student self-funding reduces fiscal (state) limits on university access (Barr 2004), but self-funding does not actually increase levels of access and participation (David 2012). Graduates on average earn more than non-graduates (Barr 2004). However, this differential is itself class, race and gender dependent (Egerton and Savage 1997, Green and Zhu 2007, Meister 2011, McGettigan 2012). As graduate earnings are so unequal, it is wrong, even above a repayment threshold, that graduates should re-pay the flat cost of their education in addition to general taxation, if, by general progressive taxation, they will pay more *if* they earn more anyway (Brown et al. 2011). Prior research challenges neo-liberal reform on access and ethical grounds. This article challenges the claim that neo-liberal policies deliver ‘success’ even in neo-liberalism’s own terms (i.e. in relation to ‘global competition’ indicators).

University league tables emphasise competition and relative position over substantive functions (Hirsch 1977, Brown 2000). If differentiation works it highlights ‘elites’ and renders ‘losers’ invisible. Ellen Hazelkorn’s research into university ranking schemes, as both reflection and promoter of differentiation,

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2  
3 competition and market globalization, suggests league tables both legitimate  
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5 reputational competition and intensify it. 'Despite continued dispute about the  
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7 validity of the choice of indicators and/or their weightings, rankings have  
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9 acquired legitimacy because the methodology appears statistically rigorous'  
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12 (2011, 28).  
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17 Media assertions as to the 'reality' and 'benefits' of differentiation,  
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19 competition and global marketization claim to draw on statistical (league table)  
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21 data, even when such data does not warrant these claims. That the legitimacy  
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23 of statistical rankings is used to support policies even when ranking data does  
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25 not evidence the success of such policies requires further explanation than  
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27 simply 'faith' in numbers (however misguided).  
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## 38 Conclusions

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46 Attention to global university league tables has risen in recent years. Results  
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48 are interpreted to justify increased de-regulation, privatization and escalation  
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50 in 'user' fees. It is claimed that results show such neo-liberal reforms 'work' in  
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52 enabling US success and Asian ascent. Emulation of this 'model', it is claimed,  
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54 will enable 'elite' UK universities to compete. Yet, neither US superiority nor  
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3 Asian ascent is evidenced in league tables. Media accounts suggesting  
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5 otherwise are explained in terms of who gets cited and the discursive  
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7 mechanisms deployed by them. However, 'elite' university representatives are  
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9 not fully at one regarding what form such emulation should take. The Russell  
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11 Group calls for more spending and greater concentration at the top. Oxford  
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13 University more explicitly advocates fee deregulation and escalation to achieve  
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15 this end.  
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23 Media citation is overwhelmingly biased in favour of dominant institutional  
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25 representatives. These actors frame debate. Other voices are only ever aligned  
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27 with the dominant frame. Drawing attention only to US successes, rather than  
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29 the weaknesses generated by its more differentiated system; and noting rises  
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31 but never falls by Asian institutions, perform discursive 'ratchets' enabling the  
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33 same frame to be 'evidenced' irrespective of results to the contrary. Claiming  
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35 UK success and UK failure evidence the necessity of funding reform is another  
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37 discursive 'ratchet' operating in media coverage. The discursive mechanism of  
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39 selective doubt further immunises challenge by including partial reflexivity  
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41 rather than any genuinely alternative perspectives.  
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52 Numbers cannot speak. They can only be interpreted. When discursive space is  
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54 predominantly occupied by one powerful lobby it is not surprising media  
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56 accounts conform to their agenda, irrespective of whether the data under  
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3 discussion actually confirms their claims. The claim that 'global competition'  
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5 warrants policy reform at home is fabricated through discursive mechanisms,  
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8 not faith in numbers. Policy change was certainly not justified by the numbers  
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10 themselves.  
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14 However, for all its success, the Russell Group fundamentally failed. Whether  
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16 paid by students or devolved governments, higher fees simply replaced central  
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18 government funding. Government underwriting of loans turned the £9000  
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20 'cap' into the standard tariff; replacing central funds, not adding new money,  
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23 and certainly not boosting 'elite' institutions' resources. Fee escalation and  
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26 privatization were achieved in England, but sectarian lobbying merely aided  
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29 the government in cutting funding. Calls for further privatization, fee  
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32 escalation and differentiation to address this 'failure' have already been raised.  
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36 Given the unreliability of claims-making to date, such calls will require ongoing  
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39 critical scrutiny.  
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Table 1: World league table reference by source and year 2004-2012

Year/ Source	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
BBC				1	1	2	4	6	3	17
Mail			1	2	1		1			5
Sun						1				1
Independent		1					2	2	1	6
Times	1			3	4	2	1	2		13
Guardian					1	1	1	1		4
Telegraph				1	1	1		3		6
Total	1	1	1	7	8	7	9	14	4	52

NB Data for 2012 ended in Mid-March

Table 2: Reference to academic actors by source

Reference /Source	Word Total	Russe- ll Group	1994 Group	Sally Hunt	U U K	N U S	Stud- ent	Lect - urer	Prof	Chancellor (& VC or PVC
BBC	10200	6	1	2	5		45	2	10	5
Mail	2200	2		1	1		11	1	2	5
Sun	100						2			
Independ ent	6000					2	81	5	10	2
Times	11750	5					141	23	10	6
Guardian	2200	3		1			12			3
Telegraph	5000	1			1		34		2	3
Total		17	1	4	7	2	326	31	34	24

Table 3: Positive or negative comparisons

	Other better/risen	Other worse/fallen	Parallel/equal	Total
<b>US</b>	48	9	6	63
<b>Europe</b>	9	14	7	30
<b>Asia (East)</b>	10	1	3	14
<b>Australia</b>	3	3	1	7
<b>Canada</b>	2			2
<b>Latin America</b>	2			2
<b>Middle East</b>	1			1
<b>India</b>	1			1
<b>Total</b>	<b>76</b>	<b>27</b>	<b>17</b>	<b>120</b>

Table 4: Articles referring to Asian ascent

	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Times	1				3	1				5/13
BBC				1	1	1	2	2	1	8/17
Mail					1					1/5
Telegraph					1			1		2/6
Guardian					1	1	1			3/4
Independent								1		1/6
Sun										0/1
Total	1			1	7	3	3	4	1	20/52

Table 5: Pearson's Test for entries by population in English speaking countries

	2003	2004	2005	2006	2007	2008	2009	2010	2011
<b>Shanghai</b>	.987	.988	.987	.984	.984	.985	.984	.987	.987
<b>QS</b>				.920	.924	.934	.928	.916	.914
<b>THE</b>								.962	.957

Note: All results have p values of .000, except for QS 2010 and 2011, which have p values of .001.



Table 6: Mean scores, number ranked and sum of scores for English speaking countries (THE2011-12)

Country	Mean	N	Std. Deviation	N*M	Entries per million of population
US	63.6	75	15.8	4770	0.24
UK	56.6	32	14.7	1811.2	0.5
Canada	59.4	9	15.3	534.3	0.27
Australia	57.5	7	11.8	402.7	0.32
Hong Kong	55.8	4	13.7	223.2	0.57
Singapore	58	2	18.3	115.9	0.4
Rep. of Ireland	48.5	2	3.7	97	0.44
South Africa	53.2	1	0	53.2	0.02
New Zealand	44.6	1	0	44.6	0.23

Table 7: Shanghai, QS and THE results –Asian countries – number of top 200 entries

	2003	2004	2005	2006	2007	2008	2009	2010	2011
Shanghai	12	12	13	14	13	12	12	15	14
QS				30	26	29	33	32	32
THE								25	18

Table 8: Asian sum of scores for all years in Shanghai, QS and THE Indexes

	2003	2004	2005	2006	2007	2008	2009	2010	2011
Shanghai	1196	1175	1160	1236	1153	1015	1049	1173	1159
QS				2675	2770	2777	3139	2980	3157
THE								2406	1765

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